



## ASK1 (Phospho Thr838) rabbit pAb

Catalog No         BYab-14630           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB; ELISA           Gene Name         MAP3K5 ASK1 MAPKKK5 MEKK5           Protein Name         ASK1 (Phospho Thr838)           Immunogen         Synthesized peptide derived from human ASK1 (Phospho Thr838)           Specificity         This antibody detects endogenous levels of Human ASK1 (Phospho Thr838)           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.           Dilution         WB 1:1000-2000 ELISA 1:5000-20000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20*C/1 year           Synonyms         Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25;Apoptosis signal-regulating kinase 1;ASK-1;MAPK/ERK kinase kinase 5;MEK kinase 5;MEK kinase 5;MEK kinase 5;MEK kinase 5;MEK kinase 6;MEK		
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metabolic process, stress-activated protein kinase signaling pathway, regulation of protein modification process, regulation of cellular protein metabolic process, cellular response to stress, positive regulation of kinase activity, regulation of phosphorylation, regulation of apoptosis, positive regulati catalytic activity:ATP + a protein = ADP + a Background phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Contains an N-terminal autoinhibitory domain. Activated by phosphorylation at Thr-838, inhibited by phosphorylation at Ser-966 and Ser-1033. Binds to, and stabilizes MAP3K6 and is activated by MAP3K6 by phosphorylation on Thr-838.,function:Component of a protein kinase signal transduction cascade. Phosphorylates and activates MAP2K4 and MAP2K6, which in turn activate the JNK and p38 MAP kinases, respectively. Overexpression induces apoptotic cell death.,induction:By TNF-alpha. Inhibited by HIV-1 Nef.,similarity:Belongs to the protein kinase superfamily., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Homodimer when inactive. Binds both upstream activators and downstream substrates in multimolecular complexes. Associates with and inhibited by HIV-1 Nef. Interacts with DAB2IP and PPM1L.,tissue specificity: Abundantly expressed in heart and pancreas., Avoid repeated freezing and thawing! matters needing attention Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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